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**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**BONDING FOR A MICRO-ELECTRO-MECHANICAL
SYSTEM (MEMS) AND MEMS BASED DEVICES**

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby appoint the practitioners associated with the Customer Numbers provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and I direct that all correspondence be addressed to the first listed Customer Number.

Customer Number: 000128

Principal attorney or agent: Dennis C. Bremer

Telephone number: 612-951-6145

Customer Number: 020306

Principal attorney or agent: Marcus J. Thymian

Telephone number: 312-913-0001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: William P. Platt

Inventor's signature: William P. Platt Date: 2-5-2002

Residence: 3942 Main, Columbia Heights, Minnesota 55421

Citizenship: USA

Post Office Address: 3942 Main, Columbia Heights, Minnesota 55421

Full name of second inventor: Carol M. Ford

Inventor's signature:

Carol M. Ford

Date:

Feb. 4, 2002

Residence:

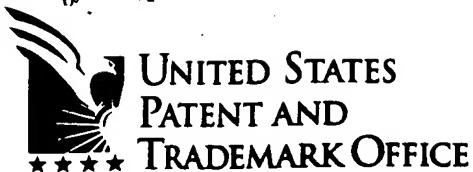
3942 Main, Columbia Heights, Minnesota 55421

Citizenship:

USA

Post Office Address:

3942 Main, Columbia Heights, Minnesota 55421



01/21/02

1-10002988

MAY 01, 2002

PTAS

Commissioner for Trademarks
Arlington, VA 22202-3513
www.uspto.gov

HONEYWELL INTERNATIONAL INC.
DENNIS C. BREMER
101 COLUMBIA ROAD
P.O. BOX 2245
MORRISTOWN, NJ 07962-2245



102009918A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/27/2002

REEL/FRAME: 012642/0700
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PLATT, WILLIAM P.

DOC DATE: 02/05/2002

ASSIGNEE:

HONEYWELL INTERNATIONAL INC.
102 COLUMBIA ROAD
P.O. BOX 2245
MORRISTOWN, NEW JERSEY 07962-2245

SERIAL NUMBER: 10083978
PATENT NUMBER:

FILING DATE: 02/27/2002
ISSUE DATE:

THERESA FREDERICK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECEIVED
MAY 13 2002
HONEYWELL LEGAL

PATENT

FILE NO. Honeywell Docket H0002988

ASSIGNMENT

Whereas, **WILLIAM P. PLATT** and **CAROL M. FORD**, both City of **COLUMBIA HEIGHTS** and State of **MINNESOTA**, have invented certain new and useful improvements in **BONDING FOR A MICRO-ELECTRO-MECHANICAL SYSTEM (MEMS) AND MEMS BASED DEVICES** for which an application is about to be made for Letters Patent of the United States, said application having been executed on the _____ day of _____, 2002, and

Whereas, Honeywell International Inc., a corporation organized and existing under the laws of the State of Delaware, and having its principal offices at 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

Now, therefore, for good and valuable consideration to us paid by the said Honeywell International Inc., the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Honeywell International Inc., its successors and assigns, our entire right, title and interest in and to said invention, said application and the Letters Patent, both foreign and domestic, that may or shall issue, including all of our rights under any and all international conventions, treaties and/or agreements concerning patents to which the United States is a party, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned assignee in accordance herewith.

We further authorize said assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of any international convention, treaty and/or agreement.

We do hereby covenant and agree with the said assignee, its successors and assigns, that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said assignee, its successors and assigns, execute such additional writings and do such additional acts as said assignee, its successors and assigns, may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or any of and all foreign countries on said invention, and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

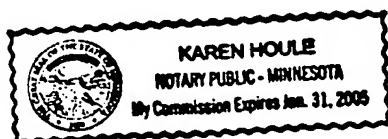
Date 2-5, 2002

William P Platt
WILLIAM P. PLATT

State of Minnesota)

County of Hennepin)

On this 5th day of February, 2002, before me personally appeared **WILLIAM P. PLATT**, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.



Karen Houle
Notary Public, County Dakota
State of Minnesota
My Commission Expires 1-31-2005

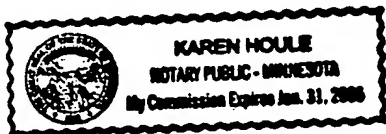
Date February 4, 2002

State of Minnesota

County of Anoka

Carol M. Ford
CAROL M. FORD

On this 4th day of February, 2002 before me personally appeared CAROL M. FORD, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.



Karen Houle
Notary Public, County Dakota
State of Minnesota
My Commission Expires 1-31-2005

03-11-2002

FORM PTO-1595

Marcus Honeywell Docket No.

H0001988

FEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

WRD 2-27-02



102009918

To The Honorable Commissioner of Patents and i.

Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

William P. Platt

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Honeywell International Inc.

Address: 101 Columbia Road

P.O. Box 2245

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

City: Morristown

State: NJ

Country: U.S.A.

Zip: 07962-2245

Execution Date: February 5, 2002

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

10083978

If this document is being filed together with a new application, the execution date of the application is: February 27, 2002

A. Patent Application No.(s)

Filing Date

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Dennis C. Bremer

Company Name: Honeywell International Inc.

Street Address: 101 Columbia Road

P.O. Box 2245

City: Morristown

State: NJ

Country: U.S.A.

ZIP: 07962-2245

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41)..... \$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: 13-2490

13-2490

03/06/2002 VTRUONG1 00000010 10083978

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40.00 DP

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Marcus J. Thymian

Printed Name of Person Signing

Date: February 27, 2002

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

10978 U.S. PRO
10/083978
02/27/02

NOV 03 1997
Office of Gen. Counsel



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 23, 1997

PTAS



100541308A

HONEYWELL INC.
CHARLES J. UNGEMACH
HONEYWELL PLAZA, MN 12-8251
P.O. BOX 524
MINNEAPOLIS, MN 55440

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/11/1997

REEL/FRAME: 8708/0870
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
FORD, CAROL M.

DOC DATE: 09/10/1997

ASSIGNOR:
PLATT, WILLIAM P.

DOC DATE: 09/10/1997

ASSIGNEE:
HONEYWELL INC.
HONEYWELL PLAZA, MN12-8251
P.O. BOX 524
MINNEAPOLIS, MINNESOTA 55440

SERIAL NUMBER: 08927246
PATENT NUMBER:

FILING DATE:
ISSUE DATE:

MAYA BENNETT, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ajw



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



100541308B

AUTHORIZATION TO CHARGE ADDITIONAL FEES TO DEPOSIT ACCOUNT

OCTOBER 23, 1997

TO: OFFICE OF FINANCE
FROM: ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS
SUBJECT: DEPOSIT ACCOUNT CHARGE(S)

CHARGE THE DEPOSIT ACCOUNT LISTED BELOW ADDITIONAL FEE(S) AS INDICATED
BELOW. AUTHORIZATION TO CHARGE ADDITIONAL FEES HAS BEEN PROVIDED PER
THE ATTACHED COVER SHEET, OR BY DIRECT CONTACT WITH THE CUSTOMER.

DEPOSIT ACCOUNT NUMBER: 08-2727
PROPERTY NUMBER: 08927246

RECORDING FEES:

FEE CODE: 581 AMOUNT: 40

IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT
THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

MAYA BENNETT, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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FEE CODE:

RECORDING FIRST MARK	481
RECORDATION SECOND AND SUBSEQUENT MARK IN SAME DOCUMENT	482
LABOR CHARGES FOR SERVICES PER HOURS OR FRACTION THEREOF	484
UNSPECIFIED OTHER SERVICES	485

PATENT SERVICE FEES:

RECORDING EACH PATENT ASSIGNMENT, 581

AGREEMENT, OTHER PAPER, PER PROPERTY	
LABOR CHARGES FOR SERVICES PER HOUR	584
(\$30) OR FRACTION THEREOF	
UNSPECIFIED OTHER SERVICES	585

REGISTRATION FORM COVER

09-26-1997

78927246
Y

MRD 9-11-97

Tab settings

To the Honorable Commissioner

1. Name of conveying party(ies):

Carol M. Ford and William P. Platt

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: September 10, 1997

Name: Honeywell Inc.

Internal Address: Honeywell Plaza,
MN12-8251

Street Address: P.O. Box 524

City: Minneapolis State: MN ZIP: 55440

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: September 10, 1997

A. Patent Application No.(s)

B. Patent No. (s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Charles J. Ungemach

Internal Address: Honeywell Inc.
Honeywell Plaza,
MN12-8251

Street Address: P.O. Box 524

City: Minneapolis State: MN ZIP: 55440

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

08-2727

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Charles J. Ungemach
Name of Person Signing

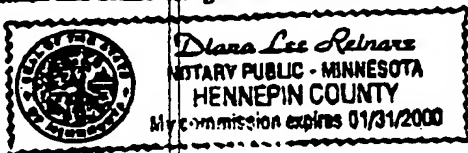
Signature

Date

Total number of pages comprising cover sheet: 1

State of Minnesota)
County of Hennepin)ss.

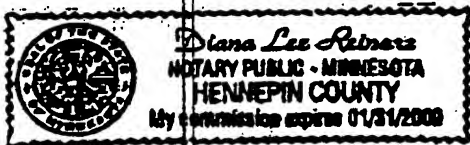
On this 10th day of September, 1997, before me personally appeared
Carol M. Ford to me known to be the person described in and who executed the foregoing
instrument and acknowledged that he executed the same as his free act and deed.



Diana Lee Reiners
Notary Public, County Hennepin
State of MN
My Commission Expires 01/31/2000

State of Minnesota)
County of Hennepin)ss.

On this 10th day of September, 1997, before me personally appeared
William P. Platt to me known to be the person described in and who executed the foregoing
instrument and acknowledged that he executed the same as his free act and deed.



Diana Lee Reiners
Notary Public, County Hennepin
State of MN
My Commission Expires 01/31/2000

State of _____)
County of _____)ss.

On this _____ day of _____, 19____, before me personally appeared
_____ to me known to be the person described in and
who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

Notary Public, County _____
State of _____
My Commission Expires _____

ASSIGNMENT

WHEREAS, We, Carol M. Ford of Columbia Heights
 County of Anoka, and State of Minnesota
William P. Platt of Columbia Heights
 County of Anoka, and State of Minnesota
 of _____
 County of _____, and State of _____

have invented certain new and useful improvements in Solid Liquid Inter-Diffusion Bonding for Ring Laser Gyroscopes
 for which an application is about to be made for Letters Patent of the United States, said application having been executed on the
X 10 day of X September, 1997 the X 10 day of X September, 1997 the _____ day of _____, 19____, and _____

Whereas, Honeywell Inc., a corporation organized and existing under the laws of the State of Delaware, and having its principal offices at Honeywell Plaza, Minneapolis, Minnesota 55408 U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor.

Now, therefore, for good and valuable consideration to us paid by the said Honeywell Inc., the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Honeywell Inc., its successors and assigns, our entire right, title and interest in and to said invention, said application and the Letters Patent, both foreign and domestic, that may or shall issue, including all of our rights under any and all international conventions, treaties and/or agreements concerning patents to which the United States is a party, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned assignee in accordance herewith.

We further authorize said assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of any international convention, treaty and/or agreement.

We do hereby covenant and agree with the said assignee, its successors and assigns, that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said assignee, its successors and assigns, execute such additional writings and do such additional acts as said assignee, its successors and assigns, may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or any of and all foreign countries on said invention, and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

X Date September 10, 1997

Carol M. Ford

First Name, Middle Initial, Last Name

Carol M. Ford

X Date September 10, 1997

William P. Platt

First Name, Middle Initial, Last Name

William P. Platt

Date _____, 19____

First Name, Middle Initial, Last Name

Assign-J (6/91)

Express Mail Label EM425410325US 8/11/97
 "Solid Liquid Inter-Diffusion Bonding for Ring Laser Gyroscopes"
 Carol M. Ford & William P. Platt